

SOFT CONTACT LENS

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Abstract of JP 11316358 (A)

PROBLEM TO BE SOLVED: To obtain a soft contact lens having high oxygen permeability, a moderate water content and satisfactory elasticity and capable of imparting a good feeling of wear to a person which wears the lens by curing a reaction mixture contg. a specified silicone-contg. monomer.

SOLUTION: The soft contact lens comprises a silicone hydrogel formed by curing a reaction mixture contg. a silicone-contg. monomer having a structure represented by the formula, wherein R<51> is H or CH₃, (q) is 1 or 2, R<52> - R<54> are each ethyl, methyl, benzyl, phenyl or a monovalent siloxane chain comprising 1-100 Si-O repeating units, (p) is 1-10, r=(3-q), X is O or NR<55>, R<55> is H or monovalent 1-4C alkyl, (a) is 0 or 1 and L is a divalent combining group preferably having 2-5 carbon atoms.



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